



SEQUENCE LISTING

<110> Fung, Yuen Kai
Gomer, Charles
Ang, Anne T'

<120> Methods To Enhance And Confine Expression of Genes

<130> D6087D

<140> 10/051,345
<141> 2002-01-18
<150> 60/096,947
<151> 1998-08-18

<160> 9

<210> 1
<211> 441
<212> DNA
<213> Unknown

<220>

<221> exon
<223> sequence encoding N-terminus (amino acids 1-147)
DNA-binding domain of yeast GAL4 protein

<400> 1
atgaagctac tgtcttctat cgaacaagca tgcgatatth gccgacttaa 50
aaagctcaag tgctccaaag aaaaaccgaa gtgcgccaag tgtctgaaga 100
acaactggga gtgtcgctac tctcccaaaa ccaaagggtc tccgctgact 150
agggcacatc tgacagaagt ggaatcaagg ctagaaagac tggaacagct 200
atttctactg atttttcctc gagaagacct tgacatgatt ttgaaaatgg 250
attctttaca ggatataaaa gcattgttaa caggattatt tgtacaagat 300
aatgtgaata aagatgccgt cacagataga ttggcttcag tggagactga 350
tatgcctcta acattgagac agcatagaat aagtgcgaca tcatcatcgg 400
aagagagtag taacaaagggt caaagacagt tgactgtatc g 441

<210> 2
<211> 315
<212> DNA
<213> Unknown

<220>

<221> exon
<223> sequence encoding basic helix-loop-helix leucine
zipper domain of Max (amino acids 8-112)

<400> 2
gaggtggaga gcgacgaaga gcaaccgagg tttcaatctg cggctgacaa 50

acgggctcat	cataatgcac	tggaacgaaa	acgtagggac	cacatcaaag	100
acagctttca	cagtttgcg	gactcagtcc	catcactcca	aggagagaag	150
gcatcccggg	cccaaattcct	agacaaagcc	acagagtata	tccagtatat	200
gcgaaggaaa	aaccacacac	accagcaaga	tattgacgac	ctcaagcggc	250
agaatgctct	tctggagcag	caagtccgtg	cactggagaa	ggcgaggtca	300
agtgcccaac	tgcag				315
<210>	3				
<211>	33				
<212>	DNA				
<213>	Unknown				
<220>					
<221>	exon				
<223>	sequence encoding the first 11 amino acids of Gal4				
<400>	3				
atgaagctac	tgtcttctat	cgaacaagca	tgc		33
<210>	4				
<211>	387				
<212>	DNA				
<213>	Unknown				
<220>					
<221>	exon				
<223>	sequence encoding the C-terminus transactivation domain of herpes simplex viral protein VP16				
<400>	4				
gcgtacagcc	gcgcgcgtac	gaaaaacaat	tacgggtcta	ccatcgaggg	50
cctgctcgat	ctcccggacg	acgacgcccc	cgaagaggcg	gggctggcgg	100
ctccgcgcct	gtcctttctc	cccgcgggac	acacgcgcag	actgtcgacg	150
gccccccga	ccgatgtcag	cctggggggac	gagctccact	tagacggcga	200
ggacgtggcg	atggcgcgatg	ccgacgcgct	agacgatttc	gatctggaca	250
tggtggggga	cggggattcc	ccgggtccgg	gatttaccac	ccacgactcc	300
gccccctacg	gcgctctgga	tatggccgac	ttcgagtttg	agcagatggt	350
taccgatgcc	cttggaattg	acgagtacgg	tgggtag		387
<210>	5				
<211>	270				
<212>	DNA				
<213>	Unknown				
<220>					
<221>	exon				
<223>	sequence encoding the basic helix-loop-helix leucine zipper domain of c-Myc				

<400>	5					
accgaggaga	atgtcaagag	gcgaacacac	aacgtcttgg	agcgccagag		50
gaggaacgag	ctaaaacgga	gcttttttgc	cctgcgtgac	cagatcccgg		100
agttggaaaa	caatgaaaag	gcccccaagg	tagttatcct	taaaaaagcc		150
acagcataca	tcctgtccgt	ccaagcagag	gagcaaaagc	tcattttctga		200
agaggacttg	ttgcggaaac	gacgagaaca	gttgaaacac	aaacttgaac		250
agctacggaa	ctcttgtgcg					270

<210> 6
 <211> 17
 <212> DNA
 <213> Unknown

<220>

<221> protein_bind
 <223> a 17-mer DNA-binding site for Gal4

<400>	6	
cggaggactg	tcctccg	17

<210> 7
 <211> 1008
 <212> DNA
 <213> Unknown

<220>

<221> misc_feature
 <223> TET-ON sequence

<400>	7					
atgtctagat	tagataaaaag	taaagtgatt	aacagcgcac	tagagctgct		50
taatgaggtc	ggaatcgaag	gtttaacaac	ccgtaaactc	gcccagaagc		100
ttggtgtaga	gcagcctaca	ctgtattggc	atgtaaaaaa	taagcgggct		150
ttgctcgacg	ccttagccat	tgagatgtta	gataggcacc	atactcactt		200
ttgcccttta	aaaggggaaa	gctggcaaga	ttttttacgc	aataacgcta		250
aaagttttag	atgtgcttta	ctaagtcac	gcaatggagc	aaaagtacat		300
tcagatacac	ggcctacaga	aaaacagtat	gaaactctcg	aaaatcaatt		350
agccttttta	tgccaacaag	gttttttact	agagaacgcg	ttatatgcac		400
tcagcgtgtg	ggggcatttt	acttttaggtt	gcgtattgga	agatcaagag		450
catcaagtcg	ctaaagaaga	aagggaaaca	cctactactg	atagtatgcc		500
gccattatta	cgacaagcta	tcgaattatt	tgatcaccaa	ggtgcagagc		550
cagccttctt	attcggcctt	gaattgatca	tatgcggatt	agaaaaacaa		600
cttaaatgtg	aaagtgggtc	cgcgtacagc	cgcgcgcgta	cgaaaaacaa		650
ttacgggtct	accatcgagg	gcctgctcga	tctcccggac	gacgacgcc		700
ccgaagaggc	ggggctggcg	gctccgcgcc	tgtcctttct	ccccgcggga		750
cacacgcgca	gactgtcgac	ggcccccccg	accgatgtca	gcctggggga		800
cgagctccac	ttagacggcg	aggacgtggc	gatggcgcac	gccgacgcgc		850
tagacgattt	cgatctggac	atgttggggg	acggggattc	cccgggtccg		900
ggattttacc	cccacgactc	cgccccctac	ggcgctctgg	atatggccga		950
cttcgagttt	gagcagatgt	ttaccgatgc	ccttggaatt	gacgagtacg		1000

gtgggtag

1008

<210> 8
 <211> 80
 <212> DNA
 <213> Unknown

<220>

<221> misc_feature
 <223> the first 80 bases of TET-ON sequence

<400> 8

atgtctagat	tagataaaaag	taaagtgatt	aacagcgcac	tagagctgct	50
taatgaggtc	ggaatcgaag	gtttaacaac			80

<210> 9
 <211> 621
 <212> DNA
 <213> Unknown

<220>

<221> exon
 <223> sequence encoding tet repressor (amino acids 1-207)

<400> 9

atgtctagat	tagataaaaag	taaagtgatt	aacagcgcac	tagagctgct	50
taatgaggtc	ggaatcgaag	gtttaacaac	ccgtaaaactc	gcccagaagc	100
ttggtgtaga	gcagcctaca	ctgtattggc	atgtaaaaaaa	taagcgggct	150
ttgctcgacg	ccttagccat	tgagatgtta	gataggcacc	atactcactt	200
ttgcccttta	aaaggggaaa	gctggcaaga	ttttttacgc	aataacgcta	250
aaagttttag	atgtgcttta	ctaagtcac	gcaatggagc	aaaagtacat	300
tcagatacac	ggcctacaga	aaaacagtat	gaaactctcg	aaaatcaatt	350
agccttttta	tgccaacaag	gttttttact	agagaacgcg	ttatatgcac	400
tcagcgctgt	ggggcatttt	acttttaggtt	gcgtattgga	agatcaagag	450
catcaagtcg	ctaaagaaga	aagggaaca	cctactactg	atagtatgcc	500
gccattatta	cgacaagcta	tcgaattatt	tgatcaccaa	ggtgcagagc	550
cagccttctt	attcggcctt	gaattgatca	tatgcggatt	agaaaaacaa	600
cttaaagtgtg	aaagtgggtc	c			621